U.S. COAST GUARD
628
628

GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED FOR ACCOMPLISHMENT OF MAJOR MAINTENANCE AVAILABILITY BASED ON SHIPCHECK OF USCGC DURABLE (WMEC 628).
2. THIS DRAWING WAS DEVELOPED IN ACCORDANCE WITH THE GUIDANCE SPECIFICATIONS FOR THE 210 FOOT WMEC MAJOR MAINTENANCE AVAILABILITY (MMA).
3. EXCEPT WHERE OTHERWISE NOTED OR APPROVED BY THE COAST GUARD, THE EFFECTIVE DATE OF FEDERAL OR MILITARY SPECIFICATIONS, PUBLICATIONS AND STANDARD/TYPE DRAWINGS AND REVISIONS OR CHANGES THERETO SHALL BE THE EFFECTIVE DATE OF NAVSEA S9AA0-AB-GOS-010/GSO. LATER SPECIFICATION REVISIONS MAY BE USED PROVIDED THAT THEY MEET THE INTENT AND INTERFACE REQUIREMENTS OF THE SPECIFICATION INVOKED FOR THE MAJOR MAINTENANCE AVAILABILITY.
4. ENGINEERING DATA SUPPORTING THIS DRAWING IS NOT REQUIRED.
5. THIS DRAWING SUPERSEDES AND CANCELS DRAWING NUMBER 628 WMEC 0103-6.

LEGEND

ES-	EXCAPE SCUTTLE
RWTH-	RAISED WATERTIGHT HATCH
WTRTT-	WATERTIGHT
RQAWTH-	RAISED QUICK ACTING WATERTIGHT HATCH
FQAWT-	FLUSH QUICK ACTING WATERTIGHT
QAWT-	QUICK ACTING WATERTIGHT
IL-	INCLINED LADDER
CL-	CENTER LINE
VL-	VERTICAL LADDER
OT-	OIL TIGHT
CVK-	CENTER LINE VERTICAL KEEL
AP-	AFT PERPENDICULAR
FP-	FOWARD PERPENDICULAR
FW-	FRESH WATER
P/S-	PORT AND STARBOARD

CHARACTERISTICS

LENGTH (OVERALL)	210'-6"
LENGTH (ON 10'-6" WL)	200'-0"
BEAM (MOLDED)	34'-0"
DEPTH TO MAIN DECK ℄	19'-6"
DISPLACEMENT AT 10'-6" WL	978.3 LT
HP TOTAL	5000
SPEED SUSTAINED	18 KNOTS
CRUISING RANGE (15 KNOTS)	5123 MI
FUEL CAP 95% FULL	48,444 GAL
FRESH WATER CAP 100% FULL	11,462 GAL
ACCOMODATIONS	BERTHS
OFFICERS	12
CPO	8
CREW	66
TOTAL	86

REVISIONS

REV	ZONE	DESCRIPTION	BY	DATE	APPROVED

REV	WORK ITEM NUMBER	WT GP	WT (LBS)	I R XI OR XR	VCG REF BL	LCG REF MP	F OR A	TCG REF CL	P S OR O	VAL BY
				NOT	APPLICABLE					

WEIGHT CONTROL DATA

LEVERS IN FEET TO THE NEAREST TENTH OF A FOOT
USE SEPARATE LINES FOR EACH WT GRP,S/A,REV,WT INSTL,WT RMV
I=INSTALL R=REMOVE XI=LOAD ITEM INSTALLED XR=LOAD ITEM REMOVED
F=FWD A=AFT P=PORT S=STBD O=C

NO	HULL	TITLE	IDENT
3	WMEC 628	GENERAL ARRANGEMENT SECOND AND THIRD DECK	628(R) WMEC-601-0003
2	WMEC 628	GENERAL ARRANGEMENT MAIN DECK AND 01 LEVEL	628(R) WMEC-601-0002
1	WMEC 628	GENERAL ARRANGEMENT 02 LEVEL AND BRIDGE DECK	628(R) WMEC-601-0001

REFERENCES

REVISION STATUS OF SHEETS

1	2	3
-	-	-

SHIP APPLICABILITY

SHIP	REV	SHIPCK BY	DT

CONTRACT NO.
N00024-85-H-8134
COLONNA'S
SHIPYARD

	DATE
PREPARED: C. THOMPSON	8/88
CHECKED: M. ANTONUCCI	9/88
ENGINEER: R. MILLER R. Miller	9/88
APPROVED: R.W. Pryor	3/16/89

AUTHORITY
451-10-001
N00024-85-H-8134

4-19-89
SUPSHIP PORTS DESIGN

RM Latas 5/11/89
CG LIAISON

CHIEF, DESIGN BR

PROJECT OFFICER

CHIEF, MAINTENANCE BR

U.S. COAST GUARD HDQTRS WASHINGTON DC 20593
NAVAL ENGINEERING DIVISION

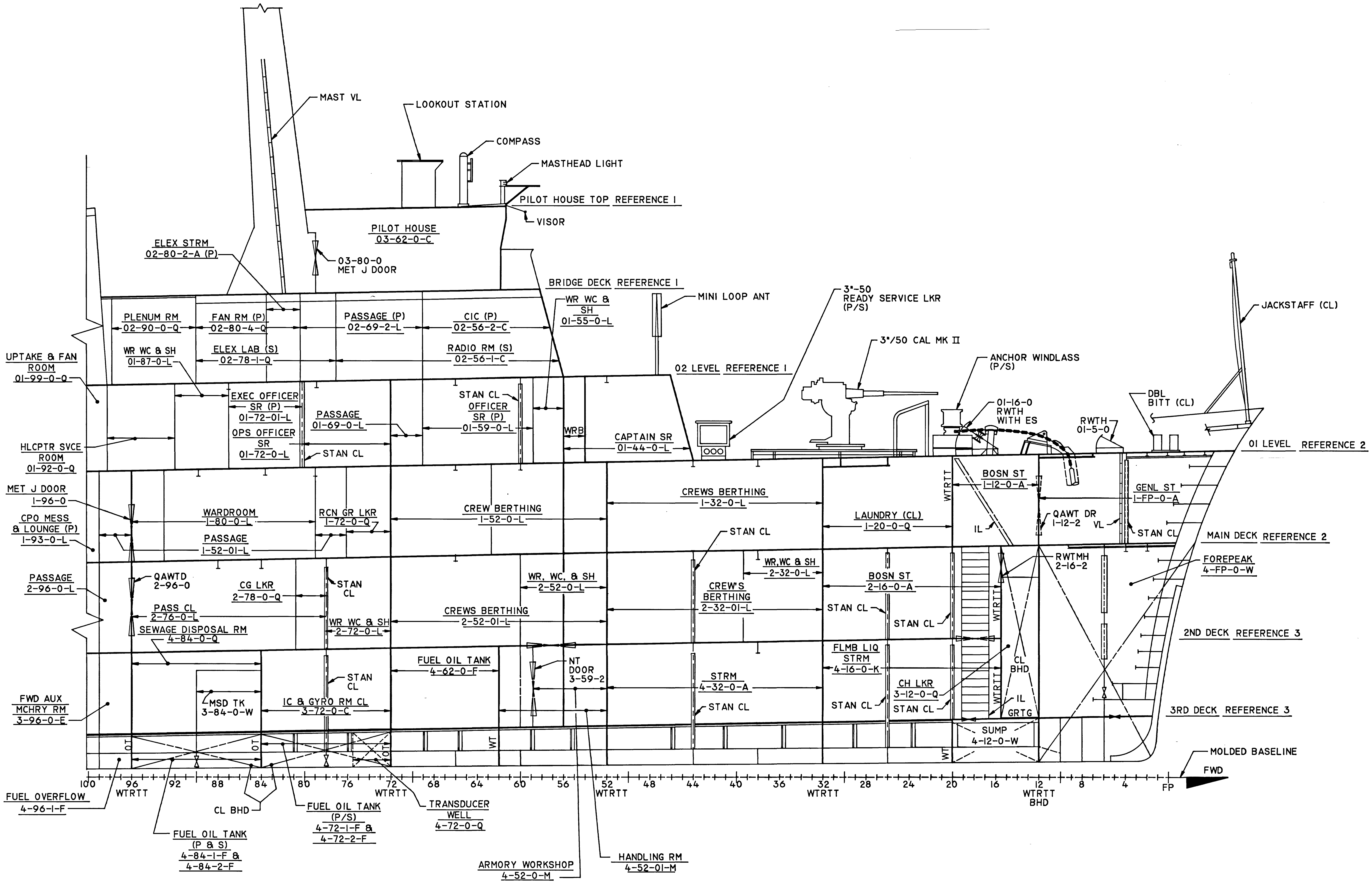
210 FT WMEC "B" CLASS
MAJOR MAINTENANCE AVAILABILITY
INBOARD PROFILE

APPROVED
CHIEF, NAVAL ENGINEERING DIVISION DATE

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0004	-

SCALE: 1/4" = 1' - 0"
SHEET 1 OF 3

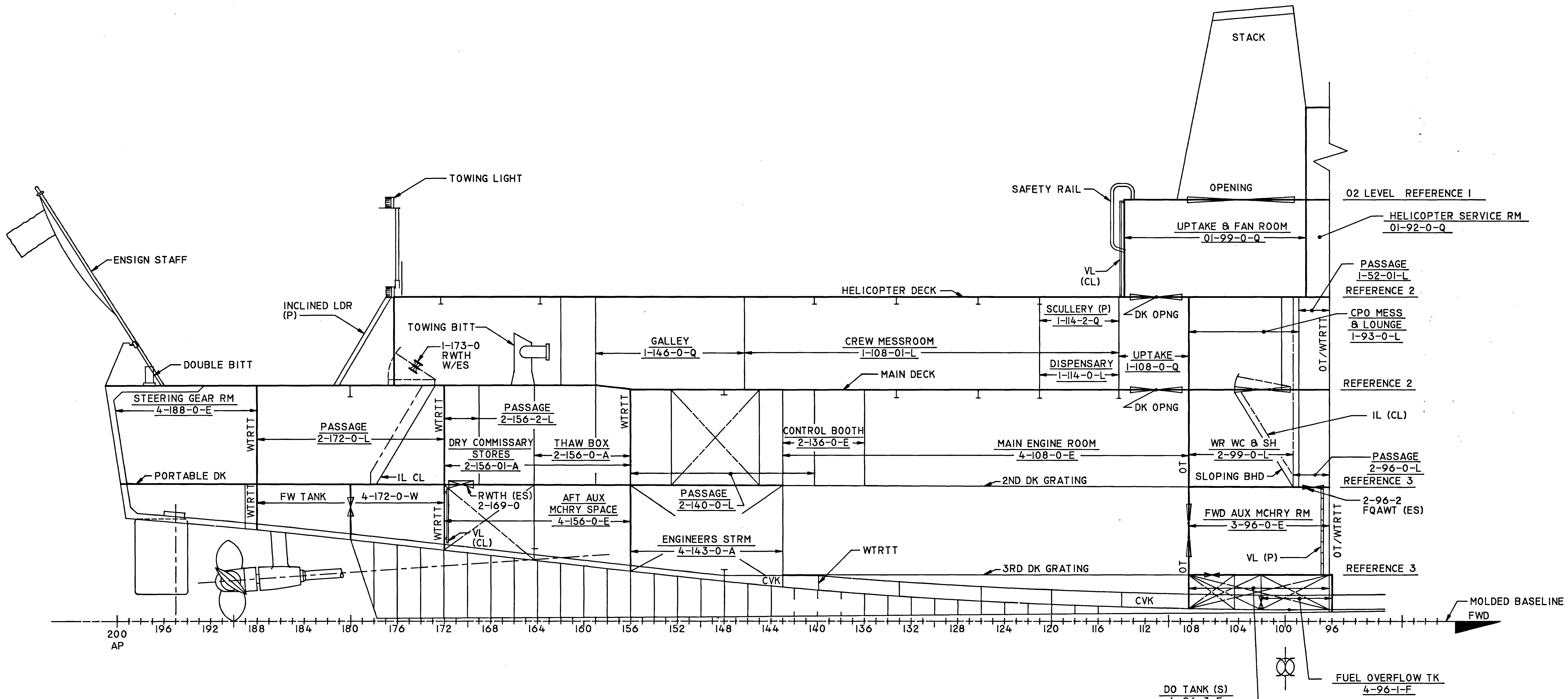
DWG NO	SH	REV
628(R) WMEC-601-0004	1	-


MAST VL
LOOKOUT STATION
COMPASS
MASTHEAD LIGHT
PILOT HOUSE TOP REFERENCE 1
VISOR
PILOT HOUSE
03-62-0-C
ELEX STRM
02-80-2-A (P)
03-80-0
MET J DOOR
BRIDGE DECK REFERENCE 1
WR WC & SH
01-55-0-L
MINI LOOP ANT
3"-50
READY SERVICE LKR
(P/S)
JACKSTAFF (CL)
3"/50 CAL MK II
ANCHOR WINDLASS
(P/S)
02 LEVEL REFERENCE 1
PLENUM RM
02-90-0-Q
FAN RM (P)
02-80-4-Q
PASSAGE (P)
02-69-2-L
CIC (P)
02-56-2-C
WR WC & SH
01-87-0-L
ELEX LAB (S)
02-78-1-Q
RADIO RM (S)
02-56-1-C
UPTAKE & FAN
ROOM
01-99-0-Q
EXEC OFFICER
SR (P)
01-72-01-L
OPS OFFICER
SR
01-72-0-L
PASSAGE
01-69-0-L
STAN CL
OFFICER
SR (P)
01-59-0-L
WRB
CAPTAIN SR
01-44-0-L
01-16-0
RWTH
WITH ES
RWTH
01-5-0
DBL
BITT (CL)
01 LEVEL REFERENCE 2
HLCPTR SVCE
ROOM
01-92-0-Q
STAN CL
MET J DOOR
1-96-0
CPO MESS
& LOUNGE (P)
1-93-0-L
WARDROOM
1-80-0-L
RCN GR LKR
1-72-0-Q
CREW BERTHING
1-52-0-L
CREWS BERTHING
1-32-0-L
LAUNDRY (CL)
1-20-0-Q
WTRTT
BOSN ST
1-12-0-A
GENL ST
1-FP-0-A
PASSAGE
1-52-01-L
STAN CL
IL
QAWT DR
1-12-2
VL
STAN CL
MAIN DECK REFERENCE 2
PASSAGE
2-96-0-L
QAWTD
2-96-0
CG LKR
2-78-0-Q
STAN
CL
WR, WC, & SH
2-52-0-L
WR,WC & SH
2-32-0-L
CREW'S
BERTHING
2-32-01-L
BOSN ST
2-16-0-A
RWTMH
2-16-2
FOREPEAK
4-FP-0-W
PASS CL
2-76-0-L
WR WC & SH
2-72-0-L
CREWS BERTHING
2-52-01-L
STAN CL
STAN CL
WTRTT
SEWAGE DISPOSAL RM
4-84-0-Q
2ND DECK REFERENCE 3
FUEL OIL TANK
4-62-0-F
STAN
CL
NT
DOOR
3-59-2
STRM
4-32-0-A
FLMB LIQ
STRM
4-16-0-K
CL
BHD
FWD AUX
MCHRY RM
3-96-0-E
MSD TK
3-84-0-W
IC & GYRO RM CL
3-72-0-C
STAN CL
STAN CL
CH LKR
3-12-0-Q
STAN CL
WTRTT
IL
GRTG
3RD DECK REFERENCE 3
OT
OT
OT
WT
WT
SUMP
4-12-0-W
MOLDED BASELINE
FWD
100
96
WTRTT
92
88
84
80
76
72
WTRTT
68
64
60
56
52
WTRTT
48
44
40
36
32
WTRTT
28
24
20
16
12
WTRTT
BHD
8
4
FP
FUEL OVERFLOW
4-96-1-F
CL BHD
FUEL OIL TANK
(P/S)
4-72-1-F &
4-72-2-F
TRANSDUCER
WELL
4-72-0-Q
FUEL OIL TANK
(P & S)
4-84-1-F &
4-84-2-F
ARMORY WORKSHOP
4-52-0-M
HANDLING RM
4-52-01-M

INBOARD PROFILE
FORWARD - 100

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0004	-
SCALE: 1/4" = 1' - 0"		SHEET 2	

DWG NO 628(R) WMEC-601-0004 SH 2 REV -


STACK
OPENING
02 LEVEL REFERENCE 1
SAFETY RAIL
UPTAKE & FAN ROOM
01-99-0-Q
HELICOPTER SERVICE RM
01-92-0-Q
VL
(CL)
PASSAGE
1-52-01-L
REFERENCE 2
TOWING LIGHT
ENSIGN STAFF
INCLINED LDR
(P)
HELICOPTER DECK
TOWING BITT
1-173-0
RWTH
W/ES
GALLEY
1-146-0-Q
CREW MESSROOM
1-108-01-L
SCULLERY (P)
1-114-2-Q
DK OPNG
UPTAKE
1-108-0-Q
DISPENSARY
1-114-0-L
CPO MESS
& LOUNGE
1-93-0-L
OT/WTRTT
DOUBLE BITT
MAIN DECK
DK OPNG
REFERENCE 2
STEERING GEAR RM
4-188-0-E
PASSAGE
2-156-2-L
WTRTT
IL (CL)
PASSAGE
2-172-0-L
DRY COMMISSARY
STORES
2-156-01-A
THAW BOX
2-156-0-A
CONTROL BOOTH
2-136-0-E
MAIN ENGINE ROOM
4-108-0-E
WR WC & SH
2-99-0-L
PASSAGE
2-96-0-L
OT
SLOPING BHD
REFERENCE 3
PORTABLE DK
IL CL
2ND DK GRATING
FW TANK
4-172-0-W
RWTH (ES)
2-169-0
AFT AUX
MCHRY SPACE
4-156-0-E
PASSAGE
2-140-0-L
2-96-2
FQAWT (ES)
FWD AUX MCHRY RM
3-96-0-E
VL
(CL)
ENGINEERS STRM
4-143-0-A
WTRTT
VL (P)
3RD DK GRATING
REFERENCE 3
CVK
CVK
MOLDED BASELINE
FWD
200
AP
196
192
188
184
180
176
172
168
164
160
156
152
148
144
140
136
132
128
124
120
116
112
108
104
100
96
FUEL OVERFLOW TK
4-96-1-F
DO TANK (S)
4-96-3-F
LUBE OIL TANK (P)
4-96-2-F

INBOARD PROFILE

FR 100 - AFT

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0004	-
SCALE: 1/4" = 1'-0"		SHEET 3	

DWG NO 628(R) WMEC-601-0004 SH 3 REV -

GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED FOR ACCOMPLISHMENT OF MAJOR MAINTENANCE AVAILABILITY BASED ON SHIPCHECK OF USCGC DURABLE (WMEC 628).
2. THIS DRAWING WAS DEVELOPED IN ACCORDANCE WITH THE GUIDANCE SPECIFICATIONS FOR THE 210 FOOT WMEC MAJOR MAINTENANCE AVAILABILITY (MMA).
3. EXCEPT WHERE OTHERWISE NOTED OR APPROVED BY THE COAST GUARD, THE EFFECTIVE DATE OF FEDERAL OR MILITARY SPECIFICATIONS, PUBLICATIONS AND STANDARD/TYPE DRAWINGS AND REVISIONS OR CHANGES THERETO SHALL BE THE EFFECTIVE DATE OF NAVSEA S9AA0-AB-GOS-010. LATER SPECIFICATION REVISIONS MAY BE USED PROVIDED THAT THEY MEET THE INTENT AND INTERFACE REQUIREMENTS OF THE SPECIFICATION INVOKED FOR THE MAJOR MAINTENANCE AVAILABILITY.
4. ENGINEERING DATA SUPPORTING THIS DRAWING IS NOT REQUIRED.
5. THIS DRAWING SUPERSEDES AND CANCELS DRAWING NO 628 WPC 0103-7.

LEGEND

FP	FOWARD PERPENDICULAR
AP	AFT PERPENDICULAR
LBP	LENGTH BETWEEN PERPENDICULAR
DWL	DESIGNED WATERLINE
S	STARBOARD
P	PORT

CHARACTERISTICS

LENGTH (OVERALL)	210' - 6"
LENGTH (ON 10' - 6" WL)	200' - 0"
BEAM (MOLDED)	34' - 0"
DEPTH TO MAIN DECK	19' - 6"
DISPLACEMENT AT 10' - 6" WL	978.3 LT
HP (TOTAL)	5000
SPEED (SUSTAINED)	18 KNOTS
CRUISING RANGE (15 KNOTS)	5123 MI
FUEL CAP - 95% FULL	48,444 GALLONS
FRESH WATER CAP - 100% FULL	11,462 GALLONS
ACCOMMODATIONS	BERTHS
OFFICERS	12
CPO	8
CREW	66
TOTAL	86

REVISIONS

REV	ZONE	DESCRIPTION	BY	DATE	APPROVED

NOT APPLICABLE

REV	WORK ITEM NUMBER	WT GP	WT (LBS)	I R XI OR XR	VCG REF BL	LCG REF MP	F OR A	TCG REF CL	P S OR O	VAL BY

WEIGHT CONTROL DATA

LEVERS IN FEET TO THE NEAREST TENTH OF A FOOT
USE SEPARATE LINES FOR EACH WT GRP,S/A,REV,WT INSTL,WT RMV
I=INSTALL R=REMOVE XI=LOAD ITEM INSTALLED XR=LOAD ITEM REMOVED
F=FWD A=AFT P=PORT S=STBD O=C

DWG NO	SH	REV
628(R) WMEC-601-0005	1	-

NO	HULL	TITLE	IDENT

REFERENCES

-	-	-											
1	2	3											

REVISION STATUS OF SHEETS

SHIP	REV	SHIPCK BY	DT

SHIP APPLICABILITY

CONTRACT NO.
N00024-85-H-8134
COLONNA'S SHIPYARD

	DATE
PREPARED: C. THOMPSON	11/88
CHECKED: B. THORNHILL	11/88
ENGINEER: R. MILLER	11/88
APPROVED:	3/29/89

AUTHORITY
N00024-85-H-8134

4-12-89
SUPSHIP PORTS DESIGN

RMLatas 5/25/89
CG LIAISON

CHIEF, DESIGN BR

PROJECT OFFICER

CHIEF, MAINTENANCE BR

U.S. COAST GUARD HDQTRS WASHINGTON DC 20593
NAVAL ENGINEERING DIVISION

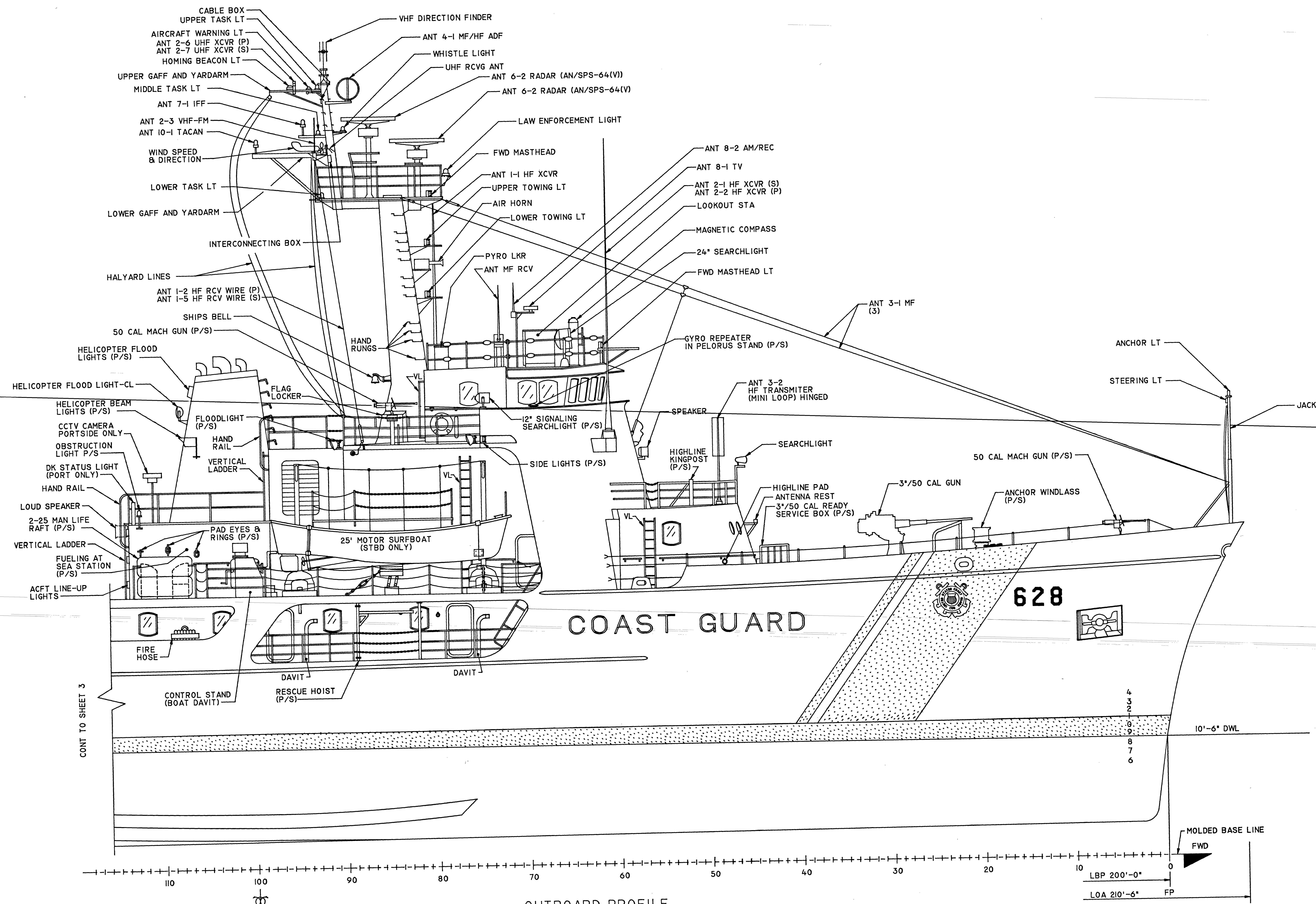
210 FT WMEC "B" CLASS
MAJOR MAINTENANCE AVAILABILITY
OUTBOARD PROFILE

APPROVED
CHIEF, NAVAL ENGINEERING DIVISION DATE

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0005	-

SCALE: 1/4" = 1'-0"

SHEET 1 OF 3

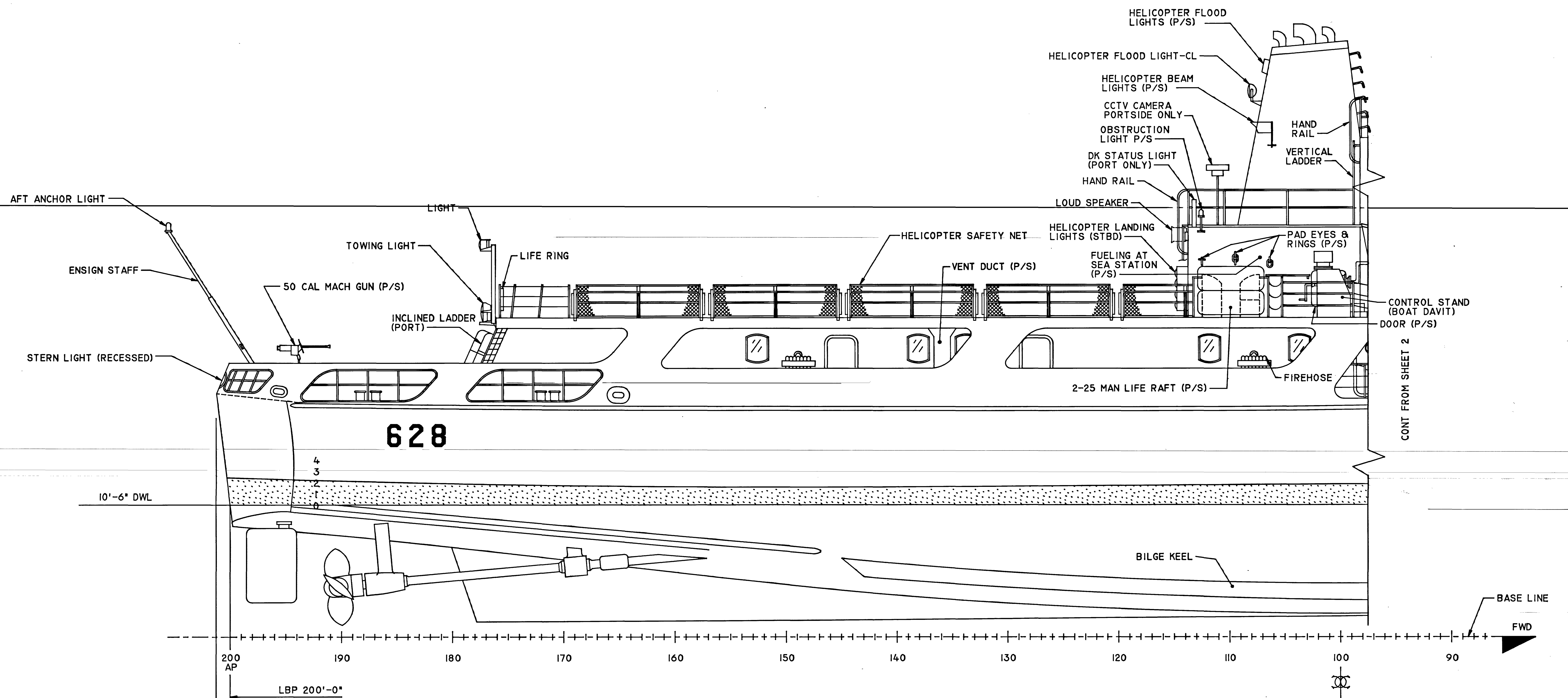

CABLE BOX
UPPER TASK LT
AIRCRAFT WARNING LT
ANT 2-6 UHF XCVR (P)
ANT 2-7 UHF XCVR (S)
HOMING BEACON LT
UPPER GAFF AND YARDARM
MIDDLE TASK LT
ANT 7-1 IFF
ANT 2-3 VHF-FM
ANT 10-1 TACAN
WIND SPEED & DIRECTION
LOWER TASK LT
LOWER GAFF AND YARDARM
INTERCONNECTING BOX
HALYARD LINES
ANT 1-2 HF RCV WIRE (P)
ANT 1-5 HF RCV WIRE (S)
SHIPS BELL
50 CAL MACH GUN (P/S)
HELICOPTER FLOOD LIGHTS (P/S)
HELICOPTER FLOOD LIGHT-CL
HELICOPTER BEAM LIGHTS (P/S)
CCTV CAMERA PORTSIDE ONLY
OBSTRUCTION LIGHT P/S
DK STATUS LIGHT (PORT ONLY)
HAND RAIL
LOUD SPEAKER
2-25 MAN LIFE RAFT (P/S)
VERTICAL LADDER
FUELING AT SEA STATION (P/S)
ACFT LINE-UP LIGHTS
FIRE HOSE
CONTROL STAND (BOAT DAVIT)
DAVIT
RESCUE HOIST (P/S)
DAVIT
PAD EYES & RINGS (P/S)
25' MOTOR SURFBOAT (STBD ONLY)
VERTICAL LADDER
HAND RAIL
FLOODLIGHT (P/S)
FLAG LOCKER
VL
HAND RUNGS
VL
VHF DIRECTION FINDER
ANT 4-1 MF/HF ADF
WHISTLE LIGHT
UHF RCVG ANT
ANT 6-2 RADAR (AN/SPS-64(V))
ANT 6-2 RADAR (AN/SPS-64(V)
LAW ENFORCEMENT LIGHT
FWD MASTHEAD
ANT 1-1 HF XCVR
UPPER TOWING LT
AIR HORN
LOWER TOWING LT
PYRO LKR
ANT MF RCV
12" SIGNALING SEARCHLIGHT (P/S)
SIDE LIGHTS (P/S)
ANT 8-2 AM/REC
ANT 8-1 TV
ANT 2-1 HF XCVR (S)
ANT 2-2 HF XCVR (P)
LOOKOUT STA
MAGNETIC COMPASS
24" SEARCHLIGHT
FWD MASTHEAD LT
GYRO REPEATER IN PELORUS STAND (P/S)
ANT 3-1 MF (3)
ANT 3-2 HF TRANSMITER (MINI LOOP) HINGED
SPEAKER
SEARCHLIGHT
HIGHLINE KINGPOST (P/S)
VL
HIGHLINE PAD
ANTENNA REST
3"/50 CAL READY SERVICE BOX (P/S)
3"/50 CAL GUN
ANCHOR WINDLASS (P/S)
50 CAL MACH GUN (P/S)
ANCHOR LT
STEERING LT
JACK STAFF
COAST GUARD
628
CONT TO SHEET 3
4
3
2
0
9
8
7
6
10'-6" DWL
MOLDED BASE LINE
FWD
110
100
90
80
70
60
50
40
30
20
10
0
LBP 200'-0"
LOA 210'-6"
FP

OUTBOARD PROFILE

FWD - FR 110

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0005	-
SCALE: 1/4" = 1'-0"		SHEET 2	

DWG NO 628(R) WMEC-601-0005 SH 2 REV -


HELICOPTER FLOOD LIGHTS (P/S)
HELICOPTER FLOOD LIGHT-CL
HELICOPTER BEAM LIGHTS (P/S)
CCTV CAMERA PORTSIDE ONLY
OBSTRUCTION LIGHT P/S
DK STATUS LIGHT (PORT ONLY)
HAND RAIL
LOUD SPEAKER
HELICOPTER LANDING LIGHTS (STBD)
FUELING AT SEA STATION (P/S)
PAD EYES & RINGS (P/S)
HAND RAIL
VERTICAL LADDER
CONTROL STAND (BOAT DAVIT)
DOOR (P/S)
CONT FROM SHEET 2
FIREHOSE
2-25 MAN LIFE RAFT (P/S)
AFT ANCHOR LIGHT
LIGHT
TOWING LIGHT
LIFE RING
HELICOPTER SAFETY NET
VENT DUCT (P/S)
ENSIGN STAFF
50 CAL MACH GUN (P/S)
INCLINED LADDER (PORT)
STERN LIGHT (RECESSED)
628
4
3
2
1
0
10'-6" DWL
BILGE KEEL
BASE LINE
FWD
200 AP
190
180
170
160
150
140
130
120
110
100
90
LBP 200'-0"
LOA 210'-6"

OUTBOARD PROFILE

FR 100 - AFT

SIZE	FSCM NO	USCG DRAWING NO.	REV
F	81340	628(R) WMEC-601-0005	-
SCALE: 1/4" = 1'-0"			SHEET 3

DWG NO 628(R) WMEC-601-0005 SH 3 REV -